Application Number 10/524,643

Filing Date February 10, 2005

First Named Inventor Garren, Hideki

Art Unit 1645

Examiner Name Unassigned

Total Number of Pages in This Submission Attorney Docket Number 022259-001010US

Tota	al Number of F	Pages in This Submission		Atto	rney Docket Numb	er	022	2259-001010US
ENCLOSURES (Check all that apply)								
	Amendmen Aft Aft Extension Express Al	mittal Form e Attached nt/Reply ter Final fidavits/declaration(s) of Time Request bandonment Request in Disclosure Statement		Draw Licen Petitic Petitic Provid Power Chan Term Requi	ring(s)	rs ocation		After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): Request for Corrected Filing Receipt and Submission of Supplemental ADS; Copy of Filing Receipt; Copy of Notice of Recordation of Assignment; Supplemental ADS; and
Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53			Rema	arks	Landscape Table The Commiss Account 20-14	ioner is auth	horiz	Return Postcard zed to charge any additional fees to Deposit
		SIGNA	TURE	OF A	PPLICANT, A	TTORNE	Y, C	DR AGENT
Firm N	Townsend and Townsend and Crew LLP							
		Victories V.	Lake	<u>. </u>				
Printed	d name .	Nicholas V. Sherbina						
Date	Date					Reg. No.		54,443
CERTIFICATE OF TRANSMISSION/MAILING								
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.								
Signature A a 1								
Турес	Typed or printed name Shawn Hart Date 10/19/05							

PTO/SB/17 (12-04) Effective on 12/08/2004. Complete if Known ant to the Consolidated Appropriations Act, 2005 (H.R. 4818). 10/524,643 Application Number FEE TRANSMITTAL Filing Date February 10, 2005 For FY 2005 First Named Inventor Garren, Hideki Unassigned Examiner Name Applicant claims small entity status. See 37 CFR 1.27 1645 Art Unit **TOTAL AMOUNT OF PAYMENT** (\$) 130 022259-001010US Attorney Docket No. METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of fee(s) Under 37 CFR 1.17 Credit any overpayments WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **SEARCH FEES EXAMINATION FEES FILING FEES Small Entity** Small Entity **Small Entity Application Type** Fees Paid (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Utility 300 150 500 250 200 100 Design 200 50 65 100 100 130 Plant 200 100 300 150 160 80 Reissue 300 150 500 250 600 300 Provisional 200 100 0 0 0 0 2. EXCESS CLAIM FEES **Small Entity** Fee Description Fee (\$) Fee (\$) Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent 25 Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent 200 100 Multiple dependent claims 180 **Total Claims Extra Claims** Fee (\$) Fee Paid (\$) Multiple Dependent Claims -20 or HP = Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20 Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) -3 or HP =_ HP = highest number of independent claims paid for, if greater than 3 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). **Total Sheets** Number of each additional 50 or fraction thereof Fee (\$) Extra Sheets Fee Paid (\$) - 100 = (round up to a whole number) x / 50 = 4. OTHER FEE(S) Fees Pald (\$) Non-English Specification, \$130 fee (no small entity discount) Other: Request for Corrected Filing Receipt 130

SUBMITTED BY	1:11		
Signature	Michylas V. Apalini	Registration No. (Attorney/Agent) 54,443	Telephone 206-467-9600
Name (Print/Type) Nicholas V. Sherbina		Date October 19, 2005

I hereby cestify that this correspondence is being deposited with the United States rocal Service as first class mail in an envelope addressed to: Mail Sep Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 10 19 05

By:

PATENT

Attorney Docket No.: 022259-001010US

==<u>FN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

In re application of:

Hideki Garren et al.

Application No.: 10/524,643

Filed: February 10, 2005

For: METHODS AND IMMUNE MODULATORY NUCLEIC ACID COMPOSITIONS FOR PREVENTING AND TREATING DISEASE

Customer No.: 20350

Confirmation No.: 1611

Examiner:

Unassigned

Technology Center/Art Unit: 1645

REQUEST FOR CORRECTED FILING RECEIPT

and

SUBMISSION OF SUPPLEMENTAL APPLICATION DATA SHEET

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Attached is a copy of the official Filing Receipt received from the Patent and Trademark Office in the above-noted application for which issuance of a Corrected Filing Receipt is respectfully requested.

Please correct the Assignment for Published Patent Application as follows:

The correction is noted and underlined on the enclosed copy of the Filing Receipt.

Bayhill Therapeutics, Inc., Palo Alto, CA
The Board of Trustees of the Leland Stanford Junior University, Palo Alto, CA

An Assignment document for The Board of Trustees of the Leland Stanford Junior University was recorded on July 6, 2005 by the U.S. Patent and Trademark Office on Reel/Frame 016225/0509. Copy of the Notice of Recordation of Assignment is enclosed.

Supplemental Application Data Sheet:

Attached is a Supplemental Application Data Sheet which indicates the correct Assignee Name "The Board of Trustees of the Leland Stanford Junior University."

The Commissioner is authorized to charge the processing fee of \$130 to the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Date: October 19, 2005

Nicholas V. Sherbina

Reg. No. 54,443

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834

Tel: 206-467-9600 Fax: 415-576-0300

Attachment: Copy of Filing Receipt with changes noted thereon;

Copy of Notice of Recordation of Assignment; and

Supplemental Application Data Sheet

NVS:mmm 60614089 v1





UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. DOX 1459 Alexandris, Viginia 22313-1450 www.unput.gov

FILING OR 371 ART UNIT DRAWINGS TOT CLMS IND CLMS FIL FEE REC'D ATTY.DOCKET NO APPL NO. (c) DATE 02/10/2005 23 24 10/524,643 1645 500 022259-001010US

CONFIRMATION NO. 1611

FILING RECEIPT OC000000016659015*

20350 TOWNSEND AND TOWNSEND AND CREW, LLP TWO EMBARCADERO CENTER **EIGHTH FLOOR** SAN FRANCISCO, CA 94111-3834

Date Mailed: 08/03/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Hideki Garren, Palo Alto, CA; Peggy P. Ho, Cupertino, CA: Lawrence Steinman, Stanford, CA;

Assignment For Published Patent Application

Bayhill Therapeutics, Inc., Palo Alto, CA The Board of Trustees of the Leland Stanford, University, Palo Alto, CA JUNIOR

Power of Attorney: The patent practitioners associated with Customer Number 20350.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US03/37157 11/21/2003 which claims benefit of 60/428,643 11/21/2002

Foreign Applications

Projected Publication Date: 11/10/2005

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Methods and immune modulatory nucleic acid compositions for preventing and treating disease

Preliminary Class

514

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

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matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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UNITED STATES DEPARTMENT OF COMMERCE **Patent and Trademark Office** ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS Washington, D.C. 20231

JULY 06, 2005

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NICHOLAS V. SHERBINA TOWNSEND AND TOWNSEND AND CREW LLP TWO EMBARCADERO CENTER, 8TH FLR. SAN FRANCISCO, CA 94111-3834



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

PTAS

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/06/2005

REEL/FRAME: 016225/0509

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HO, PEGGY P.

DOC DATE: 04/22/2005

ASSIGNOR:

STEINMAN, LAWRENCE

DOC DATE: 04/26/2005

ASSIGNEE:

THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 1705 EL CAMINO REAL

PALO ALTO, CALIFORNIA 94306-1106

SERIAL NUMBER: 10524643

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: METHODS AND IMMUNE MODULATORY NUCLEIC ACID COMPOSITIONS FOR

PREVENTING AND TREATING DISEASE

Fax Server

016225/0509 PAGE 2

DOROTHY RILEY, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

OCT 2 1 2005

PATENT ASSIGNMENT

Electronic Version v1.1

07/06/2005 500038494

SUBMISSION	TYPE:
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NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Peggy P. Ho	04/22/2005
Lawrence Steinman	04/26/2005

RECEIVING PARTY DATA

Name:	The Board of Trustees of the Leland Stanford Junior University		
Street Address:	1705 El Camino Real		
City:	Palo Alto		
State/Country:	CALIFORNIA		
Postal Code:	94306-1106		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10524643

CORRESPONDENCE DATA

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Correspondent Name:

Nicholas V. Sherbina

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Townsend and Crew LLP

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Two Embarcadero Center, 8th Fir.

Address Line 4:

San Francisco, CALIFORNIA 94111-3834

NAME OF SUBMITTER:

Masha M. Martinenko

Total Attachments: 2

source=22259-10-1 Assignment to Stanford#page1.tif source=22259-10-1 Assignment to Stanford#page2.tif

Attorney Docket No.: 022259-001010US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Peggy P. Ho of 11119 Flowering Pear Drive, Cupertino, CA 95014; and Lawrence Steinman of 1020 Vernier Place, Stanford, CA 94305, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

METHODS AND IMMUNE MODULATORY NUCLEIC ACID COMPOSITIONS FOR PREVENTING AND

TREATING DISEASE

Filing Date:

February 10, 2005

Application No.:

10/524,643; and

WHEREAS, The Board of Trustees of the Leland Stanford Junior University, located at 1705 El Camino Real, Palo Alto, CA 94306-1106, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignment Attorney Docket No.: 022259-001010US Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 4/22/05	Reggy P. Ho
SIGNATURE WITNESSED BY:	
Dated: 04.22.05	Signature of Witness
	Loven Lee Printed Name
Dated: 04-22-05	Hot Haga
	Signature of Witness
	LOY ADAM HAGAN
	Printed Name
Dated: 0 4/26/0) SIGNATURE WITNESSED BY: Dated: 4/26/05	Lawrence Steinman Layrence Steinman
	Signature of Witness LOY ADAM +HOAN
Dated: 04.26.05	Printed Name Sower Lae
,	Signature of Witness
	Lowen Lee
	Printed Name



Application Information

Application number:: Unassigned 10/524,643

Filing Date:: Herewith 02/10/2005

Application Type:: Regular

Subject Matter:: Utility

Suggested classification::

Suggested Group Art Unit:: 1645

CD-ROM or CD-R??::

Number of CD disks::

Number of copies of CDs::

Sequence Submission:: Yes

Computer Readable Form (CRF)?:: Yes

Number of copies of CRF:: One

Title:: METHODS AND IMMUNE MODULATORY

NUCLEIC ACID COMPOSITIONS FOR

PREVENTING AND TREATING DISEASE

Attorney Docket Number:: 022259-001010US

Request for Early Publication:: No

Request for Non-Publication:: No

Suggested Drawing Figure:: 4

Total Drawing Sheets:: 23

Small Entity?:: Yes

Latin name::

Variety denomination name::

Petition included?:: No

Petition Type::

Licensed US Govt. Agency:: No

Contract or Grant Numbers One::

Page 1 Supplemental 10/19/05 10/524,643, 02/10/2005 Initial 02/10/05

Secrecy Order in Parent Appl.:: No

Applicant Information

Applicant Authority Type:: Inventor

Primary Citizenship Country:: US

Status:: Full Capacity

Given Name:: Hideki

Middle Name::

Family Name:: Garren

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Country of Residence:: US

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State or Province of mailing address:: CA

Country of mailing address:: US

Postal or Zip Code of mailing address:: 94306

Applicant Authority Type:: Inventor

Primary Citizenship Country:: US

Status:: Full Capacity

Given Name:: Peggy

Middle Name:: P.

Family Name:: Ho

Name Suffix::

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State or Province of Residence:: CA

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City of Mailing Address:: Cupertino

Page 2 Supplemental 10/19/05 10/524,643, 02/10/2005 Initial 02/10/05

State or Province of mailing address:: CA

Country of mailing address:: US

Postal or Zip Code of mailing address:: 95014

Applicant Authority Type:: Inventor

Primary Citizenship Country:: US

Status:: Full Capacity

Given Name:: Lawrence

Middle Name::

Family Name:: Steinman

Name Suffix::

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State or Province of Residence:: CA

Country of Residence:: US

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City of Mailing Address:: Stanford

State or Province of mailing address:: CA

Country of mailing address:: US

Postal or Zip Code of mailing address:: 94305

Correspondence Information

Correspondence Customer Number:: 20350

Representative Information

Representative Customer Number:: 20350

Domestic Priority Information

Application::

Continuity Type::

Parent Application::

Parent Filing Date::

This Application PCT/US2003/037157

National Stage of An application

PCT/US2003/037157 60/428,643

11/21/2003 11/21/2002

claiming the benefit under 35 USC 119(e) of

Assignee Information

Assignee Name::

Bayhill Therapeutics, Inc.

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3430 West Bayshore Road, Suite 201

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Palo Alto

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Country of mailing address::

US

Postal or Zip Code of mailing address:: 94303

Assignee Name::

The Board of Trustees of the Leland Stanford

University The Board of Trustees of the Leland

Stanford Junior University

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